



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 6 :

A61B 17/32

A1

(11) International Publication Number:

WO 99/11184

(43) International Publication Date:

11 March 1999 (11.03.99)

(21) International Application Number: PCT/NL98/00504

(22) International Filing Date: 4 September 1998 (04.09.98)

(30) Priority Data:

1006944

4 September 1997 (04.09.97)

NL

(71)(72) Applicant and Inventor: EMANUEL, Mark, Hans
[NL/NL]; Iepenlaan 46, NL-2061 GL Bloemendaal (NL).

(74) Agent: DE BRUIJN, Leendert, C.; Nederlandsch Octrooibureau, Scheveningseweg 82, P.O. Box 29720, NL-2502 LS The Hague (NL).

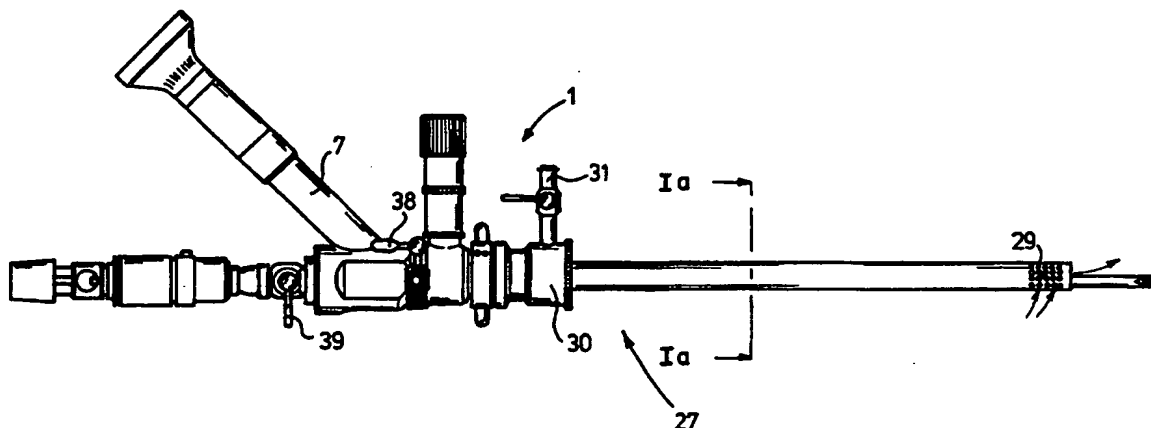
(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

Published

With international search report.

In English translation (filed in Dutch).

(54) Title: SURGICAL ENDOSCOPIC CUTTING DEVICE AND METHOD FOR ITS USE



(57) Abstract

Surgical endoscopic cutting device. The latter consists of cutting means comprising cutting elements fitted in a protective tube. The cutting elements are motor-driven, the assembly comprising the cutting means being placed in a device which is also provided with a viewing device, in order to permit observation of a treatment. The length of the housing inserted into the patient's body is at least 30 cm.